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LOS ANGELES

**Clayton Environmental Consultants, Inc.**

P.O. Box 788 • 5736 Corporate Avenue • Cypress, California 90630 • (714) 229-4806

Third Quarter  
Groundwater Monitoring Event  
at  
Stoody Company  
16425 Gale Avenue  
City of Industry, California

Clayton Project No. 21171.00  
December 18, 1989

168022

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## **EXECUTIVE SUMMARY**

Clayton Environmental Consultants, Inc. was retained by the Stoodly Company to conduct the third quarterly groundwater monitoring analysis from four onsite monitoring wells (MW-1, MW-2, MW-3, MW-4) at their City of Industry facility.

The objective of the third quarterly groundwater investigation was to provide additional information to the California Regional Water Quality Control Board (CRWQCB) to aid in their decision regarding the frequency of future groundwater analyses.

Results from the third quarterly analysis support the second quarterly results in that all of the chemical compounds detected in samples from the onsite downgradient wells (MW-1, MW-2, MW-3) were also present in the samples from the upgradient well (MW-4). During the initial groundwater analysis (January 30, 1989) three compounds (benzene, toluene, and chlorobenzene) were detected in a sample from the downgradient well (MW-2) that were not present in the sample from the upgradient well (MW-4). However, these compounds did not appear in any of the samples from the monitoring wells in the second and third quarter analyses, nor were they detected in any of the onsite soil analyses.

Based on the latter information, Clayton believes that the various chemical compounds detected in the groundwater are attributable to offsite sources and not the result of chemical use by the Stoodly Company.

Third Quarter  
Groundwater Monitoring Event  
at  
Stoody Company  
16425 Gale Avenue  
City of Industry, California  
  
Clayton Project No. 21171.00  
December 18, 1989

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**1.0 INTRODUCTION**

This report documents the results of the third quarter groundwater monitoring event at the Stoody Company facility located at 16425 Gale Avenue, in the City of Industry, California. Activities conducted during this third monitoring event included measurements of water levels in the four onsite monitoring wells (MW-1, MW-2, MW-3, and MW-4), and sampling and analysis of groundwater from these four wells. Clayton previously performed groundwater sampling at the facility on August 2, 1989, during the second quarter groundwater monitoring event.

**2.0 FIELD ACTIVITIES**

Water-level measurement and groundwater sample collection occurred on October 16, 1989. Procedures followed during these activities are outlined below.

**2.1 WATER-LEVEL MEASUREMENTS**

Water-level measurements were taken on October 16, 1989 using a Teflon™ measuring tape. The measurements were then retaken with an electronic water level measuring device (Slope Indicator Company Water Level Indicator, Model 51453). Water level measurements are accurate to within 0.01-inches and ranged from 26.96 feet to 29.37 feet. Water level measurements are listed in Table 1.

**2.2 GROUNDWATER SAMPLING**

The groundwater monitoring wells were sampled on October 16, 1989. Prior to sampling, the wells were purged using a steel bailer attached to a truck-mounted mast/pulley system (a well development rig). The bailer and attached cable were steam-cleaned between wells. A minimum of three casing volumes of water was removed from each well. Water quality

parameters (pH, temperature, and electrical conductivity) were measured after removal of each casing volume. Purging was discontinued after the minimum number of casing volumes was removed and the water quality parameters stabilized to within 10 percent of the parameter values obtained for the previous casing volume. Water quality parameters are provided on the water sampling field survey forms (Appendix A).

Precleaned, hand-held Teflon™ bailers attached to nylon line were used to collect the groundwater samples. The bailers were washed with tap water and trisodium phosphate (TSP) between sampling events. The washing was followed by a double-rinsing with deionized water. To further enhance cleanliness during the sampling procedures, the area immediately adjacent to each well was covered with plastic sheeting. In addition, Clayton personnel wore precleaned Neoprene™ gloves during sample collection and handling.

The samples were collected using the container and preservation guidelines of the U.S. Environmental Protection Agency (EPA 40 CFR 136). After being filled with groundwater, the sample containers were labeled, wrapped in shock-absorbing foam sheeting, and placed on ice in a portable cooler. A sample was also collected, using similar procedures, from the deionized water rinseate (labeled: field blank) used between sampling events.

Within 24 hours of collection, the samples were transported, under standard chain-of-custody procedures, to Clayton's state-certified laboratory in Pleasanton, California, for analysis. Purged groundwater was placed in Class 17-H, 55-gallon drums. The drums were labeled and placed onsite for disposal by the Stoddy Company.

### 3.0 LABORATORY ANALYTICAL RESULTS

Laboratory analysis was provided by Clayton's laboratory, located in Pleasanton, California. The laboratory is certified by the California Department of Health Services.

The groundwater samples were analyzed using EPA Method 624-Modified (for purgeable organics), EPA Method 625 (for acid and base/neutral extractables), and inorganic laboratory analyses for total dissolved solids (TDS), chloride, nitrate, and sulfate.

No compounds were detected, at concentrations at or above detection limits, through analysis by EPA Method 625.

As indicated by the laboratory analytical report, a variety of compounds were detected through analysis by EPA Method 624. Compounds detected in samples collected from each of the four wells include the following: (1) 1,1-dichloroethene at concentrations ranging from 6 to 32 micrograms per liter (ug/l), (2) trichloroethene at concentrations ranging from 21 to 73 ug/l, and (3) tetrachloroethene at concentrations ranging from 36 to 120 ug/l. Trichlorofluoromethane and trans-1,2-dichloroethene were detected for the first time since the sampling program began in the third quarterly analysis of samples from MW-1, MW-2, and MW-4. Table 2 provides a summary of the analytical results of analysis by EPA Method 624.

As shown on Table 3, TDS, chloride, nitrate, and sulfate concentrations were similar in the samples collected from each well. TDS concentrations ranged from 830 to 1300 milligrams per liter (mg/l); chloride from 85 to 160 mg/l, nitrate from 7.0 to 15 mg/l, and sulfate from 220 to 340 mg/l.

Compounds were present in the field blank sample; however, these chemicals did not exist in any of the groundwater samples. This indicates that cross contamination of the groundwater samples did not occur and that the compounds detected were in the water rinseate and not in the samples from the monitoring wells. The laboratory analytical report and chain-of-custody form are provided in Appendix B.

#### 4.0 DISCUSSION

The static water levels in the four monitoring wells have dropped an average of 1.05 feet since the last sampling event. The greatest change in water level occurred in MW-3, where the water level dropped 1.09 feet. The smallest change occurred in MW-2, where the water level dropped 0.99 feet.

Groundwater quality parameters are generally consistent with values from the previous sampling conducted but do show some increases and decreases.

The laboratory analytical report shows that the chemical compounds found in the downgradient wells also appear, at similar concentrations, in the upgradient well (MW-4). These results are generally consistent with conditions found onsite during the second quarter of groundwater monitoring with the exception of trichlorofluoromethane and trans-1,2-dichloroethene. These two compounds appeared for the first time in the third quarter results but again, existed in both upgradient and downgradient wells.

#### 5.0 CONCLUSIONS

Water-level measurements and groundwater samples were collected from four onsite monitoring wells located at the Stoodly Company facility.

The groundwater samples were analyzed using EPA Method 624-Modified, EPA Method 625, and inorganic laboratory analyses for total dissolved solids, chloride, nitrate, and sulfate.

Results from the third quarterly analysis support the second quarterly results in that all of the chemical compounds detected in samples from the onsite downgradient wells (MW-1, MW-2, MW-3) were also present in the upgradient well (MW-4). During the initial groundwater analysis (January 30, 1989: Clayton Project No. 21171.00), three compounds (benzene, toluene, and chlorobenzene) were detected in the downgradient well (MW-2), but not in the upgradient well (MW-4). However, these compounds did not appear in any of the samples from the monitoring wells in the second and third quarter analyses, nor were they detected in any of the onsite soil analyses. These data indicate an offsite source(s) for these compounds.

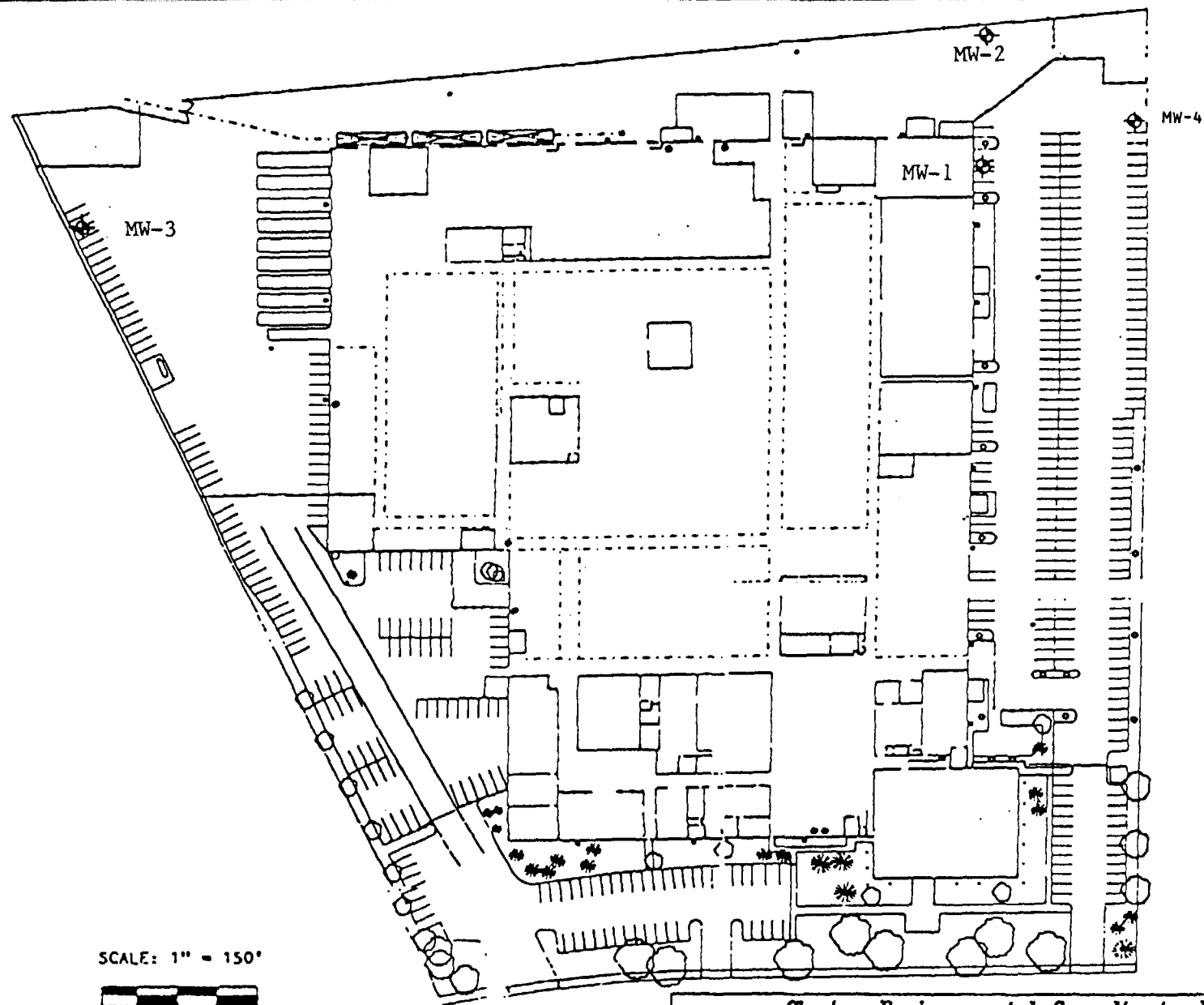
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December 18, 1989



◆ Monitoring Well Location

SCALE: 1" = 150'

0 75 150

Clayton Environmental Consultants, Inc.

APPROXIMATE LOCATIONS OF  
MONITORING WELLS

Stoody Company

Project No. 21171.00

Figure

1

12/89



**TABLE 1**  
**GROUNDWATER MONITORING WELL DATA**

<b>Monitoring Well</b>	<b>MW-1</b>	<b>MW-2</b>	<b>MW-3</b>	<b>MW-4</b>
California Coordinates, Northerly	4 115 307.68	4 115 400.79	4 115 618.57	4 115 298.41
California Coordinates, Easterly	4 304 954.04	4 305 006.99	4 304 433.62	4 305 083.28
Elevation of top of well casing (MSL)	352.18	351.12	349.34	353.55
Total depth of well	45 feet	45 feet	45 feet	44.92 feet
Date of measurement	8/2/89	8/2/89	8/2/89	8/2/89
Depth to water from top of casing	27.07 feet	25.97 feet	28.28 feet	27.70 feet
Elevation of water(MSL)	325.11 feet	325.15 feet	321.06 feet	325.85 feet
Date of Measurement	10/16/89	10/16/89	10/16/89	10/16/89
Depth to water from top of casing	28.15 feet	26.96 feet	29.37 feet	28.76 feet
Elevation of water (MSL)	324.03 feet	324.16 feet	319.97 feet	324.79 feet

**TABLE 2**  
**EPA METHOD 624 LABORATORY ANALYTICAL RESULTS**  
**MONITORING WELL MW-1 GROUNDWATER SAMPLES**

Date of Analysis		2/3/89	8/24/89	10/25/89
<u>Compound</u>	<u>DHS Action Level</u> <u>ug/L (ppb)</u>	<u>Concentration</u> <u>ug/L (ppb)</u>	<u>Concentration</u> <u>ug/L (ppb)</u>	<u>Concentration</u> <u>ug/L (ppb)</u>
Chloromethane	---	ND	ND	ND
Bromomethane	---	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND
Chloroethane	---	ND	ND	ND
Methylene chloride	40	ND	ND	ND
Trichlorofluoromethane	3,400	ND	ND	8
1,1-dichloroethene	as ethylene 6	31	27	32
1,1-dichloroethane	20	ND	ND	ND
Trans-1,2-dichloroethene	as ethylene 16	ND	ND	ND
Chloroform	---	ND	ND	ND
1,2-dichloroethane	1	ND	ND	ND
1,1,1-trichloroethane	200	ND	ND	3
Carbon tetrachloride	5	ND	ND	ND
Bromodichloromethane	---	ND	ND	ND
1,2-dichloropropane	10	ND	ND	ND
Cis-1,3-dichloropropene	---	ND	ND	ND
Trichloroethene	as ethylene 5	130	59	73
Benzene	0.7	ND	ND	ND
Dibromochloromethane	---	ND	ND	ND
1,1,2-trichloroethane	100	ND	ND	ND
Trans-1,3-dichloropropene	---	ND	ND	ND
2-chloroethylvinylether	---	ND	ND	ND
Bromoform	---	ND	ND	ND
1,1,2,2-tetrachloroethane	---	ND	ND	ND
Tetrachloroethene	as ethylene 4	190	49	120
Toluene	100	3	ND	ND
Chlorobenzene	30	ND	ND	ND
Ethylbenzene	680	ND	ND	ND
1,3-dichlorobenzene	130	ND	ND	ND
1,2-dichlorobenzene	130	ND	ND	ND
1,4-dichlorobenzene	Limit of quantif. = 0.5	ND	ND	ND
Freon 113	18,000	10	14	19
Total Xylenes	620	ND	ND	ND

mg/L = milligrams per liter  
ug/L = micrograms per liter  
ND = not detected at or above detection limit

TABLE 2 (continued)  
EPA METHOD 624 LABORATORY ANALYTICAL RESULTS  
MONITORING WELL MW-2 GROUNDWATER SAMPLES

Date of Analysis	2/3/89	8/4/89	10/25/89
Compound	DHS Action Level ug/L (ppb)	Concentration ug/L (ppb)	Concentration ug/L (ppb)
Chloromethane	---	ND	ND
Bromomethane	---	ND	ND
Vinyl Chloride	2	ND	ND
Chloroethane	---	ND	ND
Methylene chloride	40	ND	ND
Trichlorofluoromethane	3,400	ND	4
1,1-dichloroethene	as ethylene 6	19	18
1,1-dichloroethane	20	ND	ND
Trans-1,2-dichloroethene	as ethylene 16	ND	4
Chloroform	---	ND	ND
1,2-dichloroethane	1	ND	ND
1,1,1-trichloroethane	200	ND	ND
Carbon tetrachloride	5	ND	ND
Bromodichloromethane	---	ND	ND
1,2-dichloropropane	10	ND	ND
Cis-1,3-dichloropropene	---	ND	ND
Trichloroethene	as ethylene 5	46	37
Benzene	0.7	ND	ND
Dibromochloromethane	---	ND	ND
1,1,2-trichloroethane	100	ND	ND
Trans-1,3-dichloropropene	---	ND	ND
2-chloroethylvinylether	---	ND	ND
Bromoform	---	ND	ND
1,1,2,2-tetrachloroethane	---	ND	ND
Tetrachloroethene	as ethylene 4	43	120
Toluene	100	ND	ND
Chlorobenzene	30	ND	ND
Ethylbenzene	680	ND	ND
1,3-dichlorobenzene	130	ND	ND
1,2-dichlorobenzene	130	ND	ND
1,4-dichlorobenzene	Limit of quantif. = 0.5	ND	ND
Freon 113	18,000	8	11
Total Xylenes	620	ND	ND

mg/L = milligrams per liter

ug/L = micrograms per liter

ND = not detected at or above detection limit

TABLE 2 (Continued)  
EPA METHOD 624 LABORATORY ANALYTICAL RESULTS  
MONITORING WELL MW-3 GROUNDWATER SAMPLES

Date of Analysis	2/3/89	8/4/89	10/25/89
Compound	DHS Action Level ug/L (ppb)	Concentration ug/L (ppb)	Concentration ug/L (ppb)
Chloromethane	---	ND	ND
Bromomethane	---	ND	ND
Vinyl Chloride	2	ND	ND
Chloroethane	---	ND	ND
Methylene chloride	40	ND	ND
Trichlorofluoromethane	3,400	ND	ND
1,1-dichloroethene	as ethylene 6	16	6
1,1-dichloroethane	20	ND	ND
Trans-1,2-dichloroethene	as ethylene 16	ND	ND
Chloroform	---	ND	ND
1,2-dichloroethane	1	ND	ND
1,1,1-trichloroethane	200	ND	ND
Carbon tetrachloride	5	ND	ND
Bromodichloromethane	---	ND	ND
1,2-dichloropropane	10	ND	ND
Cis-1,3-dichloropropene	---	ND	ND
Trichloroethene	as ethylene 5	25	21
Benzene	0.7	ND	ND
Dibromochloromethane	---	ND	ND
1,1,2-trichloroethane	100	ND	ND
Trans-1,3-dichloropropene	---	ND	ND
2-chloroethylvinylether	---	ND	ND
Bromoform	---	ND	ND
1,1,2,2-tetrachloroethane	---	ND	ND
Tetrachloroethene	as ethylene 4	64	36
Toluene	100	ND	ND
Chlorobenzene	30	ND	ND
Ethylbenzene	680	ND	ND
1,3-dichlorobenzene	130	ND	ND
1,2-dichlorobenzene	130	ND	ND
1,4-dichlorobenzene	Limit of quantif. = 0.5	ND	ND
Freon 113	18,000	7	ND
Total Xylenes	620	ND	ND

mg/L = milligrams per liter

ug/L = micrograms per liter

ND = not detected at or above detection limit

TABLE 2 (Continued)  
EPA METHOD 624 LABORATORY ANALYTICAL RESULTS  
MONITORING WELL MW-4 GROUNDWATER SAMPLES

Date of Analysis	3/30/89	8/4/89	10/25/89
Compound	DHS Action Level ug/L (ppb)	Concentration ug/L (ppb)	Concentration ug/L (ppb)
Chloromethane	---	ND	ND
Bromomethane	---	ND	ND
Vinyl Chloride	2	ND	ND
Chloroethane	---	ND	ND
Methylene chloride	40	ND	ND
Trichlorofluoromethane	3,400	ND	5
1,1-dichloroethene	as ethylene 6	11	22
1,1-dichloroethane	20	10	ND
Trans-1,2-dichloroethene	as ethylene 16	ND	4
Chloroform	---	ND	ND
1,2-dichloroethane	1	ND	ND
1,1,1-trichloroethane	200	ND	ND
Carbon tetrachloride	5	ND	ND
Bromodichloromethane	---	ND	ND
1,2-dichloropropane	10	ND	ND
Cis-1,3-dichloropropene	---	ND	ND
Trichloroethene	as ethylene 5	26	52
Benzene	0.7	ND	ND
Dibromochloromethane	---	ND	ND
1,1,2-trichloroethane	100	ND	ND
Trans-1,3-dichloropropene	---	ND	ND
2-chloroethylvinylether	---	ND	ND
Bromoform	---	ND	ND
1,1,2,2-tetrachloroethane	---	ND	ND
Tetrachloroethene	as ethylene 4	36	120
Toluene	100	55	ND
Chlorobenzene	30	ND	ND
Ethylbenzene	680	ND	ND
1,3-dichlorobenzene	130	ND	ND
1,2-dichlorobenzene	130	ND	ND
1,4-dichlorobenzene	Limit of quantif. = 0.5	ND	ND
Freon 113	18,000	3	ND
Total Xylenes	620	4	13
		ND	ND

mg/L = milligrams per liter

ug/L = micrograms per liter

ND = not detected at or above detection limit

E21171-3.REP

TABLE 3

**TOTAL DISSOLVED SOLIDS  
CHLORIDE, NITRATE, AND SULFATE ANALYSES RESULTS**

MONITORING WELL	TDS (mg/l)	CHLORIDE (mg/l)	NITRATE (mg/l)	SULFATE (mg/l)
MW-1	1000	120	12.0	290
MW-2	920	100	8.7	250
MW-3	1300	160	15.0	340
MW-4	830	85	7.0	220
Field Blank	540	70	2.3	150

mg/l = milligrams per liter

**APPENDIX A**  
**WATER SAMPLING FIELD SURVEY FORMS**

## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

## WATER SAMPLING FIELD SURVEY FORM

Job # 21171.00 Site: Stoody Company Date: 10/16/89Well # MW-1 Sampling Team: Ken VernonSampling Method: Hand-bailing with teflon bailer.Field Conditions: Sunny and cool.Describe Equipment D-Con Before Sampling This Well: Trisodium phosphate and tap water wash,  
followed by deionized water double rinse.Total Depth of Well: 45 feet Time: 06:53 Depth to Water Before Pumping: 28.15 feet

Height of Water Column:	feet	Diameter		Volume	Purge Factor	Volume to Purge
		2-inch	4-inch			
<u>16.85</u>		<u>.16</u>	<u>(65)</u>	<u>10.95</u> gal	<u>3</u>	<u>32.85</u> Gal

Depth Purging From: 30 feet. Time Purging Begins: 07:08Notes on Initial Discharge: Light brown, moderate turbidity, odorless

<u>Time</u>	<u>Volume Purged</u>	<u>pH</u>	<u>Conductivity</u>	<u>T</u>	<u>Notes</u>
<u>07:21</u>	<u>10 gal.</u>	<u>6.25</u>	<u>1040us</u>	<u>20°C</u>	<u>Light brown, moderate turbidity, odorless.</u>
<u>07:53</u>	<u>10 gal.</u>	<u>6.28</u>	<u>1050us</u>	<u>20°C</u>	<u>Light brown, moderate turbidity, odorless.</u>
<u>08:16</u>	<u>10 gal.</u>	<u>6.26</u>	<u>1040us</u>	<u>20°C</u>	<u>Light brown, moderate turbidity, odorless</u>
<u>08:36</u>	<u>10 gal.</u>	<u>6.31</u>	<u>1060us</u>	<u>20°C</u>	<u>Light brown, moderate turbidity, odorless</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

## WATER SAMPLING FIELD SURVEY FORM

(CONTINUED)

Time Field Parameter Measurement Begins: 08:50

	<u>Rep #1</u>	<u>Rep #2</u>	<u>Rep #3</u>	<u>Rep #4</u>
pH	<u>6.26</u>	<u>6.29</u>	<u>6.31</u>	<u>        </u>
Conductivity	<u>1040us</u>	<u>1050us</u>	<u>1039us</u>	<u>        </u>
T°C	<u>20°C</u>	<u>20°C</u>	<u>20°C</u>	<u>        </u>

Pre-Sample Collection Gallons Purged: 40Time Sample Collection Begins: 08:54Time Sample Collection Ends: 09:05Total Gallons Purged: 42

Comments: \_\_\_\_\_

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## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

## WATER SAMPLING FIELD SURVEY FORM

Job # 21171.00 Site: Stoody Comapny Date: 10/16/89Well # MW-2 Sampling Team: Ken VernonSampling Method: Hand-bailing with teflon bailer.Field Conditions: Sunny and cool.Describe Equipment D-Con Before Sampling This Well: Trisodium phosphate and tap water wash,  
followed by deionized water double rinse.Total Depth of Well: 45 feet Time: 09:15 Depth to Water Before Pumping: 26.96 feet

Height of Water Column:	feet	Diameter		Volume	Purge Factor	Volume to Purge
		2-inch	4-inch			
<u>18.04</u>	<u>feet</u>	<u>.16</u>	<u>(65)</u>	<u>= 11.73 gal</u>	<u>* 3</u>	<u>= 35.19</u>

Depth Purging From: 30 feet. Time Purging Begins: 09:20Notes on Initial Discharge: Medium brown, moderate turbidity, odorless.

Time	Volume Purged	pH	Conductivity	T	Notes
<u>09:32</u>	<u>10 gal</u>	<u>6.39</u>	<u>1255us</u>	<u>20°C</u>	<u>Medium brown, moderate turbidity, odorless</u>
<u>09:51</u>	<u>10 gal</u>	<u>6.42</u>	<u>1300us</u>	<u>20°C</u>	<u>Medium brown, moderate turbidity, odorless</u>
<u>10:16</u>	<u>10 gal</u>	<u>6.45</u>	<u>1295us</u>	<u>20°C</u>	<u>Light borwn, low turbidity, odorless</u>
<u>10:40</u>	<u>10 gal</u>	<u>6.44</u>	<u>1310us</u>	<u>20°C</u>	<u>Light brown, low turbidity, odorless</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM  
(CONTINUED)

Time Field Parameter Measurement Begins: 10:51

	<u>Rep #1</u>	<u>Rep #2</u>	<u>Rep #3</u>	<u>Rep #4</u>
pH	<u>6.41</u>	<u>6.44</u>	<u>6.40</u>	<u>        </u>
Conductivity	<u>1360us</u>	<u>1370us</u>	<u>1375us</u>	<u>        </u>
T°C	<u>20°C</u>	<u>20°C</u>	<u>20°C</u>	<u>        </u>

Pre-Sample Collection Gallons Purged: 40

Time Sample Collection Begins: 10:59

Time Sample Collection Ends: 11:10

Total Gallons Purged: 42

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

## WATER SAMPLING FIELD SURVEY FORM

Job # 21171.00 Site: Stoody Company Date: 10/16/89Well # MW-3 Sampling Team: Ken VernonSampling Method: Hand bailing.Field Conditions: Cloudy and coolDescribe Equipment D-Con Before Sampling This Well: Trisodium phosphate and tap water wash,  
followed by deionized water double rinse.Total Depth of Well: 45 feet Time: 11:29 Depth to Water Before Pumping: 29.37 feet

Height of Water Column:		Diameter		Volume	Purge Factor	Volume to Purge
		2-inch	4-inch			
<u>15.63</u>	feet	* <u>.16</u>	<u>.65</u>	* <u>10.16</u> gal	* <u>3</u>	* <u>30.48</u>

Depth Purging From: 32 feet. Time Purging Begins: 11:41Notes on Initial Discharge: Medium brown, moderate turbidity, odorless

Time	Volume Purged	pH	Conductivity	T	Notes
<u>11:59</u>	<u>10 gal</u>	<u>6.45</u>	<u>1410us</u>	<u>21°C</u>	<u>Medium brown, moderate turbidity, odorless</u>
<u>12:21</u>	<u>10 gal</u>	<u>6.41</u>	<u>1450us</u>	<u>21°C</u>	<u>Medium brown, moderate turbidity, odorless</u>
<u>12:50</u>	<u>10 gal</u>	<u>6.40</u>	<u>1450us</u>	<u>21°C</u>	<u>Light brown, low turbidity, odorless</u>
<u>13:02</u>	<u>5 gal</u>	<u>6.39</u>	<u>1410us</u>	<u>21°C</u>	<u>Light brown, low turbidity, odorless</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM  
(CONTINUED)Time Field Parameter Measurement Begins: 13:15

	<u>Rep #1</u>	<u>Rep #2</u>	<u>Rep #3</u>	<u>Rep #4</u>
pH	<u>6.41</u>	<u>6.45</u>	<u>6.40</u>	<u>        </u>
Conductivity	<u>1400us</u>	<u>1420us</u>	<u>1440us</u>	<u>        </u>
T°C	<u>21°C</u>	<u>21°C</u>	<u>21°C</u>	<u>        </u>

Pre-Sample Collection Gallons Purged: 35Time Sample Collection Begins: 13:26Time Sample Collection Ends: 13:41Total Gallons Purged: 37Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

## WATER SAMPLING FIELD SURVEY FORM

Job # 21171.00 Site: Stoody Company Date: 10/16/89Well # WN-4 Sampling Team: Ken VernonSampling Method: Hand bailingField Conditions: Cloudy and coolDescribe Equipment D-Con Before Sampling This Well: Trisodium phosphate and tap water wash,  
followed by deionized water double rinse.Total Depth of Well: 45 feet Time: 13:59 Depth to Water Before Pumping: 28.76 feet

Height of Water Column:	feet	Diameter		Volume	Purge Factor	Volume to Purge
		2-inch	4-inch			
<u>16.24</u>		<u>.16</u>	<u>.65</u>	<u>10.56</u> gal	<u>3</u>	<u>31.68</u>

Depth Purging From: 33 feet. Time Purging Begins: 14:09Notes on Initial Discharge: Medium brown, moderate turbidity, odorless

Time	Volume Purged	pH	Conductivity	T	Notes
<u>14:21</u>	<u>10 gal</u>	<u>6.65</u>	<u>1130us</u>	<u>21°C</u>	<u>Medium brown, moderate turbidity, odorless</u>
<u>14:39</u>	<u>10 gal</u>	<u>6.63</u>	<u>1110us</u>	<u>21°C</u>	<u>Medium brown, moderate turbidity, odorless</u>
<u>14:52</u>	<u>10 gal</u>	<u>6.60</u>	<u>1125us</u>	<u>21°C</u>	<u>Light brown, low turbidity, odorless</u>
<u>15:06</u>	<u>5 gal</u>	<u>6.61</u>	<u>1135us</u>	<u>21°C</u>	<u>Light brown, low turbidity, odorless</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

## CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM  
(CONTINUED)Time Field Parameter Measurement Begins: 15:19

	<u>Rep #1</u>	<u>Rep #2</u>	<u>Rep #3</u>	<u>Rep #4</u>
pH	<u>6.60</u>	<u>6.60</u>	<u>6.62</u>	<u>        </u>
Conductivity	<u>1130us</u>	<u>1145us</u>	<u>1135us</u>	<u>        </u>
T°C	<u>21°C</u>	<u>21°C</u>	<u>21°C</u>	<u>        </u>

Pre-Sample Collection Gallons Purged: 35Time Sample Collection Begins: 15:29Time Sample Collection Ends: 15:45Total Gallons Purged: 37Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**APPENDIX B**  
**LABORATORY RESULTS**  
**AND CHAIN-OF-CUSTODY FORM**



# Clayton Environmental Consultants, Inc.

P.O. Box 9019 • 1252 Quarry Lane • Pleasanton, CA 94566 • (415) 426-2600

October 31, 1989

Mr. Ken Vernon  
CLAYTON ENVIRONMENTAL CONSULTANTS  
5736 Corporate Ave.  
Cypress, CA 90630

Client Ref. No. 21171.00  
Work Order No. 8910185  
Lab Client Code INT\_EEC

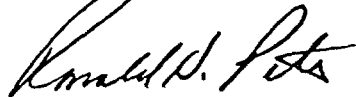
Dear Mr. Vernon:

Attached is our analytical laboratory report for the samples received on October 17, 1989. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Representative, at (415) 426-2657.

Sincerely,



Ronald H. Peters, CIH  
Manager, Laboratory Services  
Western Operations

RHP/tb  
Attachment

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: STOODY, MW-1

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Extracted: 10/20/89

Lab Client Code: INT\_EEC

Sample Analyzed: 10/24/89

Sample Matrix: WATER

Lab No.: 8910185-01C

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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ACID COMPOUNDS

Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES  
(Cont'd)

Sample I.D.: STOODY, MW-1

Client: STOODY / INDUSTRY

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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BASE/NEUTRAL COMPOUNDS

Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	70
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: STOODY, MW-2

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Extracted: 10/20/89

Lab Client Code: INT\_EEC

Sample Analyzed: 10/24/89

Sample Matrix: WATER

Lab No.: 8910185-02E

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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ACID COMPOUNDS

Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES  
(Cont'd)

Sample I.D.: STOODY, MW-2

Client: STOODY / INDUSTRY

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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BASE/NEUTRAL COMPOUNDS

Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	70
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: STOODY, MW-3

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Extracted: 10/25/89

Lab Client Code: INT\_EEC

Sample Analyzed: 10/26/89

Sample Matrix: WATER

Lab No.: 8910185-03E

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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ACID COMPOUNDS

Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES  
(Cont'd)

Sample I.D.: STOODY, MW-3

Client: STOODY / INDUSTRY

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
<u>BASE/NEUTRAL COMPOUNDS</u>			
Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	70
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: STOODY, MW-4

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Extracted: 10/20/89

Lab Client Code: INT\_EEC

Sample Analyzed: 10/24/89

Sample Matrix: WATER

Lab No.: 8910185-04C

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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ACID COMPOUNDS

Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1

ND = Not detected at or above limit of detection



EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES  
(Cont'd)

Sample I.D.: STOODY, MW-4

Client: STOODY / INDUSTRY

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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BASE/NEUTRAL COMPOUNDS

Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	70
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: STOODY, FB

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Extracted: 10/20/89

Lab Client Code: INT\_EEC

Sample Analyzed: 10/24/89

Sample Matrix: WATER

Lab No.: 8910185-05C

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
----------	-------	-----------------------	----------------------------

ACID COMPOUNDS

Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES  
(Cont'd)

Sample I.D.: STOODY, FB

Client: STOODY / INDUSTRY

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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BASE/NEUTRAL COMPOUNDS

Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	70
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: METHOD BLANK

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Extracted: 10/20/89

Lab Client Code: INT\_EEC

Sample Analyzed: 10/24/89

Sample Matrix: WATER

Lab No.: 8910185-06A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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ACID COMPOUNDS

Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 625  
ACID & BASE/NEUTRAL EXTRACTABLES  
(Cont'd)

Sample I.D.: METHOD BLANK

Client: STOODY / INDUSTRY

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
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BASE/NEUTRAL COMPOUNDS

Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	70
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 624  
PURGEABLE ORGANICS

Sample I.D.: STOODY, MW-1

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Analyzed: 10/25/89

Lab Client Code: INT\_EEC

Sample Matrix: WATER

Lab No.: 8910185-01A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	8	3
1,1-dichloroethene	75-35-4	32	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	3	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	73	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	120	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	19	3
Total Xylenes	1330-20-7	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 624  
PURGEABLE ORGANICS

Sample I.D.: STOODY, MW-2

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Analyzed: 10/25/89

Lab Client Code: INT\_EEC

Sample Matrix: WATER

Lab No.: 8910185-02A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	4	3
1,1-dichloroethene	75-35-4	18	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	4	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	37	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	120	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	11	3
Total Xylenes	1330-20-7	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 624  
PURGEABLE ORGANICS

Sample I.D.: STODY, MW-3  
Sample Received: 10/17/89  
Sample Analyzed: 10/25/89  
Sample Matrix: WATER

Client: STODY / INDUSTRY  
Client Ref. No.: 21171.00  
Lab Client Code: INT\_EEC  
Lab No.: 8910185-03A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	6	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	21	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	36	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3

ND = Not detected at or above limit of detection



EPA METHOD 624  
PURGEABLE ORGANICS

Sample I.D.: STOODY, MW-4

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Analyzed: 10/25/89

Lab Client Code: INT\_EEC

Sample Matrix: WATER

Lab No.: 8910185-04A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	5	3
1,1-dichloroethene	75-35-4	22	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	4	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	52	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	120	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	13	3
Total Xylenes	1330-20-7	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 624  
PURGEABLE ORGANICS

Sample I.D.: STOODY, FB

Client: STOODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Analyzed: 10/25/89

Lab Client Code: INT\_EEC

Sample Matrix: WATER

Lab No.: 8910185-05A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	4	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	16	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	16	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	17	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	4	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 624  
PURGEABLE ORGANICS

Sample I.D.: METHOD BLANK

Client: STODY / INDUSTRY

Sample Received: 10/17/89

Client Ref. No.: 21171.00

Sample Analyzed: 10/25/89

Lab Client Code: INT\_EEC

Sample Matrix: WATER

Lab No.: 8910185-06A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3

ND = Not detected at or above limit of detection

## INORGANIC LABORATORY ANALYSES

Sample I.D.:	See below	Client:	STOODY/INDUSTRY
Sample Received:	10/17/89	Client Ref. No.:	21171.00
Sample Analyzed:	See below	Lab Client Code:	INT_EEC
Sample Matrix:	Water	Lab No.:	8910185

Batch Sub. No.	Sample Identification	Total Dissolved Solids (mg/L)	Chloride (mg/L)
-01	Stoody, MW-1	1,000	120
-02	Stoody, MW-2	920	100
-03	Stoody, MW-3	1,300	160
-04	Stoody, MW-4	830	85
-05	Stoody, MW-5	540	70
-MB	Method Blank	<5	<1

Limit of Detection:

5

1

Date Analyzed:

10/20/89

10/23/89

Method Reference:

EPA 160.1

EPA 325.3

&lt; = less than, below limit of detection

INORGANIC LABORATORY ANALYSES

Sample I.D.:	See below	Client:	STOODY/INDUSTRY
Sample Received:	10/17/89	Client Ref. No.:	21171.00
Sample Analyzed:	See below	Lab Client Code:	INT_EEC
Sample Matrix:	Water	Lab No.:	8910185

Batch Sub. No.	Sample Identification	Nitrate as Nitrogen (mg/L)	Sulfate (mg/L)
-01	Stoody, MW-1	12	290
-02	Stoody, MW-2	8.7	250
-03	Stoody, MW-3	15	340
-04	Stoody, MW-4	7.0	220
-05	Stoody, MW-5	2.3	150
-MB	Method Blank	<0.05	<1

Limit of Detection:	0.05	1
Date Analyzed:	10/20/89	10/20/89
Method Reference:	EPA 353.3	EPA 375.4

< = less than, below limit of detection

# Clayton

## ENVIRONMENTAL CONSULTANTS

A Marsh & McLennan Company

### REQUEST FOR LABORATORY ANALYTICAL SERVICES

Stouby Co.

For Clayton Use Only	Page 1 of 2
Project No.	
Batch No.	8910185
Client No.	0471
Date Received	10/17/89
Date Logged In	10/18/89
By	[Signature]

Purchase Order No.

Client Job No. 21171.00

Name	Ken Verdon
Company	Clayton Environmental
Address	5736 Culpeper Ave.
City, State, Zip	Cyprus, CA. 90630-0788

Date Results Required: November 1, 1989

Special Instructions: (method, limit of detection, phone results, rush results, etc.)

Explanation of Preservative: P-H2504

SEND INVOICE TO	REPORT RESULTS TO
Company	Name
Address	Company
City, State, Zip	Mailing Address
	City, State, Zip
	Telephone No.
	Telefax No.

Number of Containers

ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added)

FOR LAB USE ONLY

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	Number of Containers	ANALYSIS REQUESTED	FOR LAB USE ONLY
STOBY, MW-1 (624) (A18)	10-16-89	WATER	400	2	EPH 624 EPA 625 TDS SO4 CI- NITRATES	01 A, B
STOBY, MW-1 (625)	"	"	11	1		01 C
STOBY, MW-1 (CP3)	"	"	11	1		01 D
" (NOS)	"	"	11	1		02 A, B
STOBY, MW-2 (624) (A18)	"	"	400	2		01 C
STOBY, MW-2 (625)	"	"	11	1		01 D
STOBY, MW-2 (CP3)	"	"	11	1		02 A, B
" MW-2 (NOS)	"	"	11	1		01 C
" MW-4	"	"	11	1		01 D
FB	"	"	11	1		02 A, B

CHAIN OF CUSTODY (if required)	Relinquished by: [Signature]	Date/Time 10-16-89
Method of Shipment:	Relinquished by: [Signature]	Date/Time 10-16-89

Received at lab by: [Signature]	Date/Time 10/17/89
Sample condition upon receipt:	Date/Time 10/18/89

Authorized by: [Signature]

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

22345 Roethel Drive  
Novi, MI 48050  
(313) 344-1770

Raritan Center  
160 Fieldcrest Ave.  
Edison, NJ 08837  
(201) 225-6040

400 Chastain Center Blvd., N.W.  
Suite 490  
Kennesaw, GA 30144  
(404) 499-7500

1252 Quarry Lane  
Pleasanton, CA 94566  
(415) 426-2600

DISTRIBUTION: [Signature]

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# Clayton

## ENVIRONMENTAL CONSULTANTS

A Marsh & McLennan Company

### REQUEST FOR LABORATORY ANALYTICAL SERVICES

Stoddy Co.

For Clayton Use Only	Page <u>2</u> of <u>2</u>
Project No.	
Batch No. <u>8910185</u>	
Client No. <u>0471</u>	
Date Received <u>10/17/89</u>	By <u>JE</u>
Date Logged In <u>10/18/89</u>	By <u>✓</u>

Purchase Order No.		Client Job No. <u>21171.00</u>		Name		Title										
SEND INVOICE TO	Name <u>KEN VERNON</u>		Company <u>CLAYTON ENVIRONMENTAL</u>		Dept. <u>EE</u>		REPORT RESULTS TO									
	Address <u>5736 CORPORATE AVE.</u>		Mailing Address <u>SAME</u>		Dept.											
	City, State, Zip <u>CYPRUS</u>		City, State, Zip		Telephone No.											
					Telefax No.											
Date Results Required: <u>NORMAL TURNAROUND</u>		Rush Charges Authorized? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added*)												
Special Instructions: (method, limit of detection, phone results, rush results, etc.)				Number of Containers	<table border="1"> <tr> <td>EPA 624</td> <td>EPA 625</td> <td>TDS</td> <td>SO4</td> <td>CL</td> <td>NITRATES</td> <td></td> <td></td> </tr> </table>				EPA 624	EPA 625	TDS	SO4	CL	NITRATES		
EPA 624	EPA 625	TDS	SO4		CL	NITRATES										
* Explanation of Preservative: <u>P = H2SO4</u>				FOR LAB USE ONLY												
CLIENT SAMPLE IDENTIFICATION		DATE SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)												
Stoddy, MW-3 (624) (A+B)		10-16-89	WATER	840ml	2	✓	03 A, B									
Stoddy, MW-3 (625)		"	"	8 IL	1	✓	E									
Stoddy, MW-3 (CPs)		"	"	8 1gAL	1	✓	C									
" MW-3 (NO3)		"	"	125ml		✓ P	D									
Stoddy, MW-4 (624 A+B)		"	"	840ml	2	✓	04 A, B									
Stoddy, MW-4 (625)		"	"	1 IL	1	✓	REC'D BROKEN									
Stoddy, MW-4 (CPs)		"	"	1gAL	1	✓	04 C									
Stoddy, FB (624 A+B)		"	"	40ml	2	✓	05 A, B									
Stoddy, FB (625)		"	"	1 IL	1	✓	REC'D BROKEN									
Stoddy, FB (CPs)		"	"	1gAL	1	✓	05 C									
CHAIN OF CUSTODY (if required)	Relinquished by: <u>Ken Vernon</u>		Date/Time <u>10-16-89 16:00</u>		Received by: <u>Cracy</u>		Date/Time <u>10/18/89</u>									
	Relinquished by:		Date/Time		Received at lab by:		Date/Time									
	Method of Shipment:				Sample condition upon receipt:											
Authorized by: <u>Ken Vernon</u>		Date <u>10-16-89</u>		<u>1L sample from MW-4 (625) + FB (625)</u> <u>BROKE IN SHIPMENT</u>												
(Client Signature Must Accompany Request)																

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

22345 Roethel Drive  
Novi, MI 48050  
(313) 344-1770

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SPLIT off 125ml from  
ea. 1gAL. Cont. for  
NO3-N and pres. w/ H2SO4  
from each sample.

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